

MATEMATIKA
UJI KOMPETENSI BAB 1

A. Hitunglah dengan teliti dan temukan jawabannya!

1. Hasil dari $\frac{1}{2} + \frac{3}{8} = \frac{\quad}{8} + \frac{3}{8} = \frac{\quad}{8}$

2. $\frac{1}{4} + \frac{1}{3} = \frac{3}{12} + \frac{\quad}{12} = \frac{\quad}{12}$

3. $\frac{3}{4} - \frac{2}{5} = \frac{\quad}{20} - \frac{\quad}{20} = \frac{\quad}{20}$

4. $\frac{1}{2} - \frac{3}{10} = \frac{5}{10} - \frac{\quad}{10} = \frac{\quad}{10} = \frac{\quad}{\quad}$

5. $\frac{3}{6} + \frac{1}{4} + \frac{2}{3} - \frac{11}{12} = \left(\frac{6}{12} + \frac{\quad}{12} + \frac{\quad}{12} \right) - \frac{11}{12} = \frac{\quad}{12} - \frac{11}{12}$

$= \frac{\quad}{12} = \frac{\quad}{\quad}$

6. $\frac{7}{8} \times \frac{3}{4} = \frac{\quad}{32}$

7. $\frac{3}{10} : \frac{1}{3} = \frac{3}{10} \times \frac{\quad}{1} = \frac{\quad}{\quad}$

$$8. 1\frac{3}{8} + 4\frac{6}{10} - 3\frac{3}{4} = \frac{1 \times 8 + 3}{8} + \frac{4 \times \dots + \dots}{10} - \frac{\dots \times 4 + \dots}{4}$$

$$= \frac{11}{8} + \frac{\dots}{10} - \frac{\dots}{4}$$

$$= \left(\frac{\dots}{40} + \frac{\dots}{40} \right) - \frac{\dots}{40}$$

$$= \frac{\dots}{40} - \frac{\dots}{40} = \frac{\dots}{40} = 40$$

$$9. \frac{3}{4} + 1\frac{2}{5} + 5\frac{1}{2} = \frac{3}{4} + \frac{1 \times 5 + 2}{5} + \frac{5 \times 2 + 1}{2} = \frac{3}{4} + \frac{\dots}{5} + \frac{\dots}{2}$$

$$= \frac{3 \times 5}{4 \times 5} + \frac{\dots \times \dots}{5 \times \dots} + \frac{\dots \times \dots}{2 \times \dots}$$

$$= \frac{15}{20} + \frac{\dots}{20} + \frac{\dots}{20}$$

$$= \frac{\dots}{20} =$$

$$10. \frac{1}{3} \times \frac{4}{9} \times \frac{6}{8} = \left(\frac{1}{3} \times \frac{4}{9} \right) \times \frac{6}{8} = \frac{\dots}{27} \times \frac{6}{8} = \frac{\dots}{216}$$

